



Single Servo Motor Bottle Moulding Machine WBB-4S



WBB-4S Single Servo Motor Bottle Moulding Machine is a 4 cavity automatic Bottle Blowing Machine, which output is about 4000BPH. max. blow bottles 2L. It is used to blow bottles from PET preforms which can be bought from the market directly, or produced by our injection molding machine and PET Preform Mould. We will design the bottle shape basing on clients 'requirement before making bottle mould. Also suggest the preform weight basing on bottle type and design.

Application: Food, oil, carbonated drinks, mineral water, alcohol, medicine, chemical etc.

Feature:

- Adopt human-computer interface to control the whole working procedures, auto-loading, auto blowing, auto dropping. Action cylinders are all assembled with magnetic conduction switches. Connect with PLC to control every step and test every cylinder. Next action will continue after the former step done. If former step is not finished, alarm automatically and do not work. PLC displays problem position.
- Fast Speed, accurate position, smooth action.
- According to special demand, adopt cross double crank pressed clamping, with strong clamping force. Mould open stroke can be adjustable according to the bottle size to save time.
- Far infrared heater lamps have strong penetrations, preform are heated uniformly while rotating, PLC or electronic pressure adjustor controls each group temperature separately.
- Particular pre-heater design makes preform close while heating. Change space, shorten heating tunnel and reduce energy consumption according to the bottle size while blowing.
- The air supply system consists of slight blow, high pressure blow, low pressure actions, to supply enough air for different products.
- Reliable and special single valve design makes all the air system clear.

- Shifting servo motor is more accurate and faster
- Connecting rod automatic lubrication oil device protects the machine well.

Technical Parameter:

	ITEM	UNIT	WBB-4S
PRODUCT	Theoretical output	Pcs/hr	5500
	Max. Volume	L	2
	Max. Height	MM	360
	Max. Diameter	MM	105
MOLDING	Number of Cavities	/	4
	Mould Plate Dimension(L×H)	MM	600×360
	Mould Thickness	MM	188
	Mould Opening Stroke	MM	110
ELECTRICAL	Power		220-380V/50-60HZ
	Total Power	KW	25
	Heating Power	KW	22
AIR SYSTEM	Operation Pressure	Mpa	0.8-1.0
	Action Air Consuming	M ³ /min	≥1.6
	Blowing Pressure	MPA	2.6-4.0
	Blowing Air Consuming	M ³ /min	≥4.8
MACHINE	Main Body Dimension(L×W×H)	M	3.4×1.9×2.05
	Main Body Weight	KG	2600
	Preform Autoloader (L×W×H)	M	1.9×1.9×2.2
	Preform Autoloader Weight	KG	200